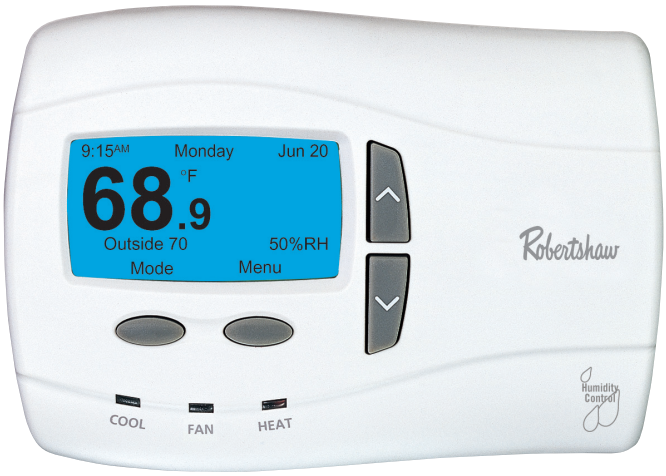
Robertshaw®

9801i2
9825i2

DELUXE SERIES PROGRAMMABLE THERMOSTATS

G GAS | E ELECTRIC | O OIL | H HEAT PUMP

Humidity Control



Menu Driven Display
7 Day Programmable with 2, 4 or 6 Events Per Day
9801i2 - 1 Heat / 1 Cool
9825i2 - Universal Staging up to 3 Heat / 2 Cool

Homeowner Comfort and Contractor Convenience

Spend less time installing thermostats

The Robertshaw® 9800i2 series thermostat makes installation easy. Your customers will appreciate how easy it is to control the humidity and temperature, and you will value how simple it is to install and program. This versatile thermostat provides control over both humidification and dehumidification. When used in conjunction with our 9025i outdoor sensor, the thermostat automatically controls indoor humidity levels maintaining optimal comfort while minimizing condensation on windows. Your customers will enjoy maximum comfort and energy savings and you will benefit from the time and effort saved by installing a single device that does the work of two.

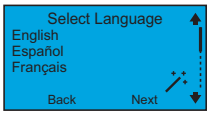
The Set-up Wizard allows you to spend 50% less time setting up the thermostat over competitive models. Every menu provides step-by-step instructions so there are no complicated codes or button combinations to memorize.

The 9800i2 series is so user friendly, it sets a higher standard in efficiency and simplicity for programmable thermostats. It is truly comfort made easy.

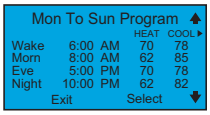
Robertshaw - *Simply the Right Choice™*

Features and Benefits

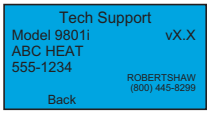
Set-up Wizard
Helps speed through the installation process with step-by-step setup and programming instructions.



Trilingual Display Option
Set to your customers' language of choice – English, Spanish or French.



Convenient Displays
View a full day of programming at once for quick review or easy adjustment.



Contractor ID Feature
Set it yourself or custom order with your information preloaded. Your name and phone number remind your customers when service is needed.

Daylight Saving Time Adjustment
Automatically adjusts to correct time regardless of seasonal changes.

Adjustable Backlighting
Choose to have backlighting on at all times or only when programming. You can also adjust the brightness and contrast for improved readability.

Time of Day Zoning
When coupled with a remote sensor (part #9020i), you can control the temperature in remote locations given different scheduled events.

Three Levels of Security
Secure protection against unwanted changes to the programming menus, temperature or set-up functions with your own 4-digit PIN.

Auto Changeover
Automatically adjusts between heating and cooling cycles to maintain optimal comfort.

Worry-Free Memory Storage
Even during power outages, the thermostat maintains set point and programmed parameters.

Adjustable Temperature Offset
Change the displayed temperature from the actual sensed temperature.

Adjustable Temperature Differential
Maintains optimal customer comfort.

Optional Sensors:
9020i **REMOTE INDOOR**
9025i **REMOTE OUTDOOR**

An ISO 9001 – 2008 Certified Company

California Title 24 Compliant

5 Year Limited Warranty

24V AC POWERED

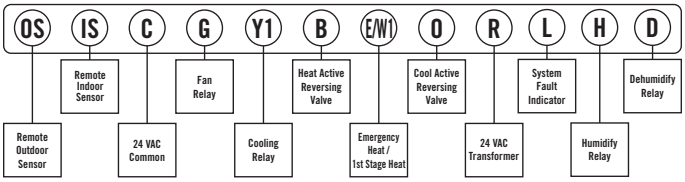
Robertshaw®

9801i2
9825i2

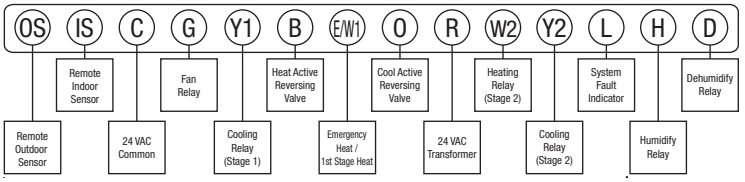
DELUXE SERIES PROGRAMMABLE THERMOSTATS

Terminal Designations

9801i2



9825i2



Technical Specifications

Electrical Rating	24 Volt AC (18-30 VAC) 1 amp maximum load per terminal (relay outputs) 3 amp total maximum load (all terminals combined)
Temperature Control Range	45˚- 90˚F (7˚- 32˚C)
Accuracy	+/-1.0˚F (+/-0.5˚C)
Power Source	24 VAC
Auto Changeover Deadband	Selectable 2˚ to 8˚F
Temporary Temperature Override	From 10 minutes to 365 days
Remote Sensor Capable	1 indoor and 1 outdoor sensor
System Configurations	**9801i2** - Single-stage gas, oil or electric heating/ cooling systems and single stage heat pump systems **9825i2** - Multi-stage gas, oil, or electric heating/ cooling systems including multi-stage heat pump systems
Terminations	**9801i2** - OS, IS, C, G, Y1, B, E/W1, O, R, L, H, D **9825i2** - OS, IS, C, G, Y1, B, E/W1, O, R, W2, Y2, L, H, D

Shipping Specifications

Indiv. Ctn. Dim.: 6.625" x 4.25" x 1.625"
Master Ctn. Qty.: 6
Master Ctn. Dim.: 9.25" x 5.625 x 7.5"
Master Ctn. Cu. Ft.: .23
Master Ctn. Wt.: 3.5 lbs.
Max. Pallet Qty.: 1260
Max. Pallet Wt.: 785 lbs.

Item 9020i and 9025i Remote Sensors
Indiv. Ctn. Dim.: 2.625" x 1.5625" x 4.4375"
Master Ctn. Qty.: 6
Master Ctn. Dim.: 5.625" x 5.125" x 5.125"
Master Ctn. Cu. Ft.: .09
Master Ctn. Wt.: .78 lbs.

Replacement Chart

	9801i2	9825i2
Braeburn®		5400
Honeywell		TH8321U1006
White-Rodgers	1F97-391	1F95-391
Carrier		TP-PRH01-A
Lux	TX1500E	PSPHA732

Verify specific application requirements before substitution.

Feature Comparison

	Robertshaw 9800i2 Series	Honeywell TH8321U1006	White-Rodgers 1F95-391
Menu Driven (Ease of Programming)	X		
Installation Wizard	X		
Displays Complete Program	X		
Adjustable Backlighting	X		
Cooling System Monitor	X		
Heating System Monitor	X		
Multi-Language; capable of up to 3 languages	X		
1/2 Degree Resolution	X		
Time of Day Zoning	X		
LED Status Indicators	X		
Integrated Fossil Fuel Kit Converter for Heat Pump Application	X		
Events per Day: 2, 4, 6	X		
5/2 Program	X		
24 Hour Program	X		
Remote Outdoor Sensor	X		
Customizable Contractor ID	X		
Adjustable Residual Cooling	X	X	
12 or 24 Hour	X	X	
Dehumidification	X	X	
Humidification	X		X
5/1/1 Program	X		X
7-Day Program	X	X	X
Stages: 1H/1C	X	X	X
Stages: 2H/2C	X	X	X
Large Display	X	X	X
Adjustable Timed Override	X	X	X
Adjustable Timed Hold	X	X	X
Automatic Daylight Saving Time Adjustment	X	X	X
Adjustable Temperature Limits	X	X	X
High/Low Balance Points	X	X	X
Adjustable Differential	X	X	X
Adjustable Compressor Short Cycle Protection	X	X	X
Battery Free Memory Retention	X	X	X
Manual Override	X	X	X
Resume	X	X	X
Auto Changeover	X	X	X
Gas/Electric	X	X	X
Single Stage Heat Pump Compatible	X	X	X
Line Powered	X	X	X
Programmable Fan	X	X	X
°F and °C	X	X	X
Air Filter Monitor	X	X	X
Humidifier Pad Monitor	X	X	X
UV Light Monitor	X	X	X
Vacation Setting	X	X	X
O & B Terminals	X	X	X
4 Hour Reserve	X	X	X
Remote Indoor Sensor	X	X	X
Energy Efficient Recovery	X	X	X
Pre-set Program	X	X	X
Hidden Service Level	X	X	X
Security Key Pad	X	X	X
Temperature Recalibration	X	X	X

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